

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 3240-1209:155 Page 1 of 1

CATEGORY: Duct Smoke Detector Housing/Base

LISTEE: System Sensor, 3825 Ohio Avenue, St. Charles, IL 60174
Contact: *Trish Linhart (630) 377-6580 Ext 1185

DESIGN: Duct smoke detector units, Models DH100P, DH100LP, DH100ACDCP, DH100ACDCLP, DH100ACDCLPX, DH100ACDCLWP, EDH100LP, EDH100ACDCLP, DH100ACDCI, DH200P, *DH200PL, DH200RP, *DH200RPL, DH400, DH400ACDC, DH400ACDCIR, DH400ACDCP5V, DH400ACDCI5V, DH400ACDCIHT, DH400REL, DH500, DH500ACDC, P270-1000I and P270-1000P. Unit consists of a housing, relay, electrical components, sampling and exhaust tubes and a listed detector head.

Series DH100, DH400, EDH and P270 are intended for use with Models 1451DH (CSFM Listing No. 7271-1209:126) and 2451 (CSFM Listing No. 7272-1209:131) detector heads for open area protection which have been tested for duct applications. Model DH400ACDCIHT is intended for use with Model 1451DHHT smoke detector (CSFM Listing No. 7271-1209:126)

Series DH500 are intended for use with Models 1551 (CSFM Listing No. 7271-1209:106) and 2551 (CSFM Listing No. 7272-1209:107) detector heads for open area which have been tested for duct applications.

Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instruction, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Model DH400ACDCIHT may be used with model DH400OE-1 (Hoffman Model A-18R126) enclosure for outdoor application.

MARKING: Listee's name, model designation, air velocity rating and UL label.

APPROVAL: Listed as duct detector units when used with listee's separately listed compatible fire alarm control units. Intended for use in HVAC systems having air velocities between 500 -4000 ft/min. Models DH100LP, EDH100LP, DH100ACDCLP, DH100ACDCLPX, DH100ACDCLWP *DH200PL, *DH200RPL and EDH100ACDCLP intended for use in HVAC systems having air velocities between 100 -4000 ft/min. Also suitable for use as a stand alone unit where permitted.

NOTE: Formerly 3240-1209:137 & 139

*Rev. 02-18-2003 JEW



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **FEBRUARY 18, 2003**

*Listing Expires **June 30, 2003***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**